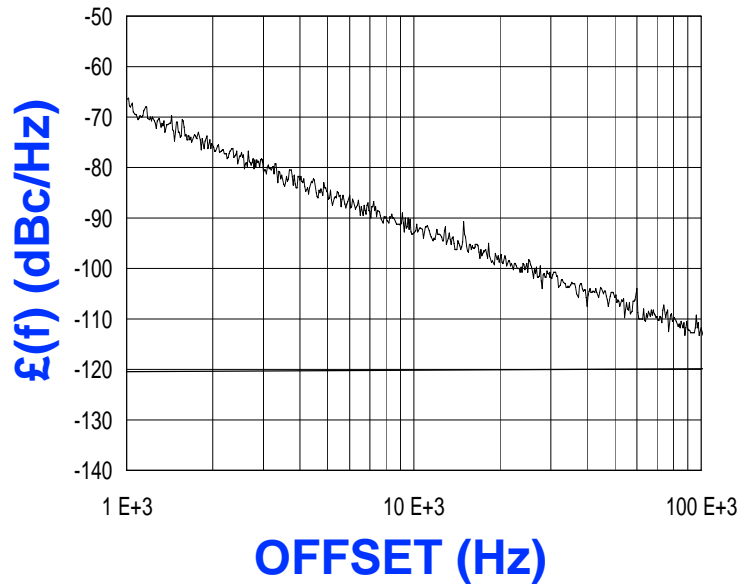




**PHASE NOISE (1 Hz BW, typical)**



FEATURES
<ul style="list-style-type: none"> <li>• Frequency Range: 1100 - 1200 MHz</li> <li>• Tuning Voltage: 4.75-7.5 Vdc</li> <li>• MINI-16-L - Style Package</li> </ul>
APPLICATIONS
<ul style="list-style-type: none"> <li>• Satellite Communications</li> <li>• Test Instrumentation</li> <li>• Earthstations</li> </ul>

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1100 - 1200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-92	dBc/Hz
Harmonic Suppression (2nd, typ.)	-8	dBc
Tuning Voltage	4.75-7.5	Vdc
Tuning Sensitivity (avg.)	72	MHz/V
Power Output	13.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<1	MHz/V
Pulling ( 14dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16-L	

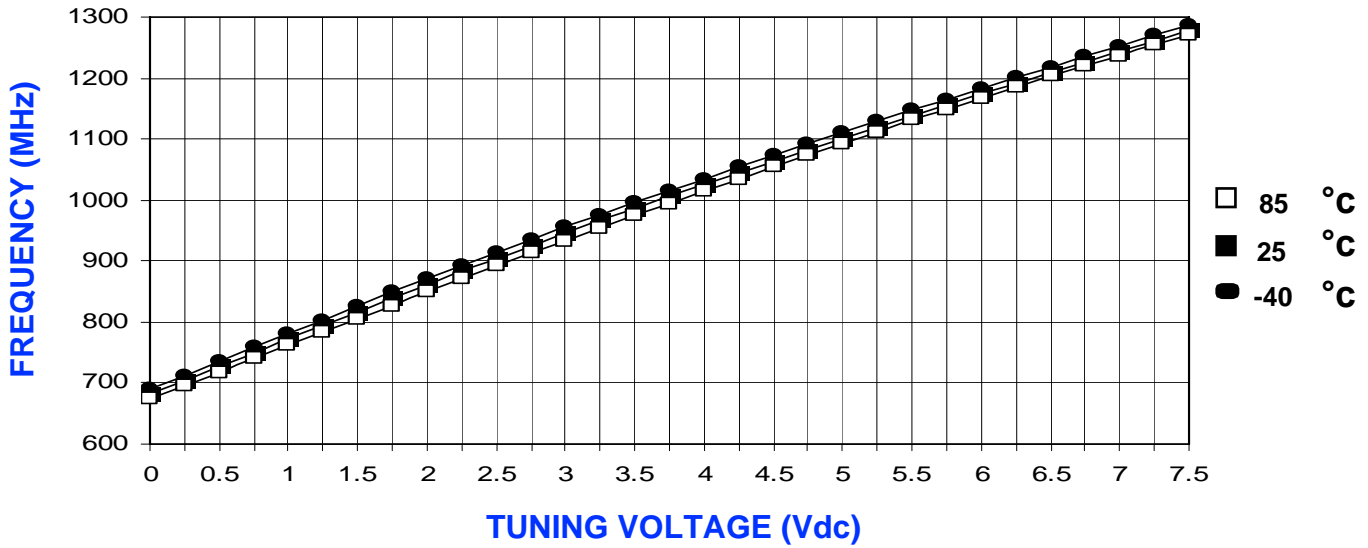
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	62	mA

All specifications are typical unless otherwise noted and subject to change without notice.

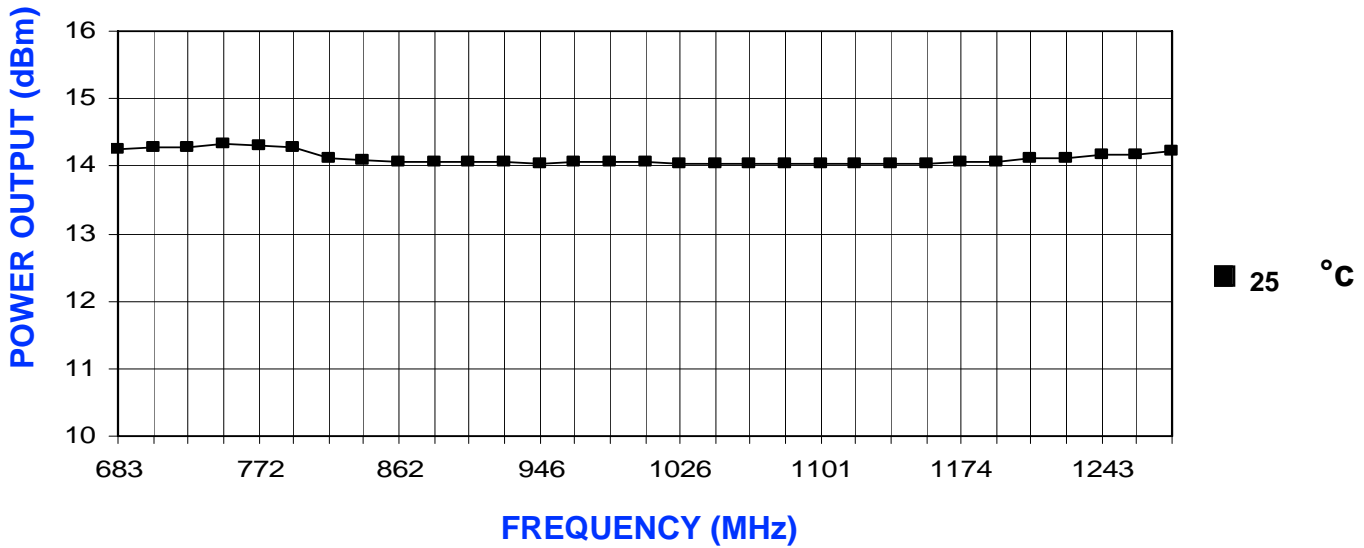
APPLICATION NOTES
<ul style="list-style-type: none"> <li>• AN-100/1 : Mounting and Grounding of VCOs</li> <li>• AN-102 : Proper Output Loading of VCOs</li> <li>• AN-107 : How to Solder Z-COMM VCOs</li> </ul>

**NOTES:**

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

